

Converting Colors

Hex(9CFF8E)

Have a look what the booklet for
Hex(9CFF8E) contains.

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Color

Hex(9CFF8E)

Conversions

Conversions Part 1

Format	Color
Hex	9CFF8E
RGB	156, 255, 142
RGB Percent	61%, 100%, 56%
CMY	0.3882, 0.0000, 0.4431
CMYK	0.39, 0.00, 0.44, 0.00
HSL	113°, 100%, 78%
HSV	113°, 44%, 100%
XYZ	54.3528, 80.5409, 38.2724
YIQ	212.5170, -22.7310, -56.1310

Conversions

Conversions Part 2

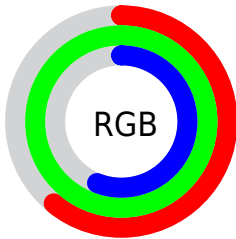
Format	Color
RYB	142, 255, 241
Decimal	10289038
CIELab	91.93, -50.19, 44.93
CIELCh	92, 67.363, 138.161
Yxy	80.5409, 0.3139, 0.4651
Android (android.graphics.Color)	4288479118 (0xFF9CFF8E)
YUV	212.5170, -34.7649, -49.5654
Hunter-Lab	89.7446, -48.9465, 37.5364

Details

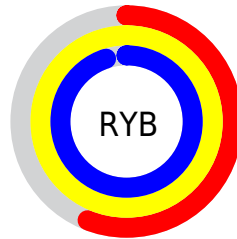
The Hex color **9CFF8E** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F18EFF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **D6FFC5**, and **63C659** is the 20% darker color. If you saturate the color by 10%, you get **86FF75**, and if you desaturate by 10%, it is **B2FFA8**.

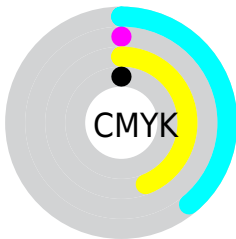
Distribution



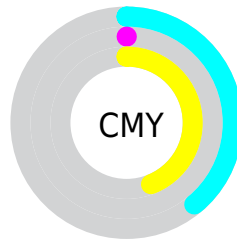
- Red (61%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (95%)



- Cyan (39%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CFF8E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9CFF8E by changing the saturation by 10% instead.

 9CFF8E

 9CFF8E

FFFFFF

 7FE273

 D6FFC5

 63C659

 F4FFE2

 45AA40

 248F26

 007406

 005B00

 004200

 002D00

 000D00

 9CFF8E

 9CFF8E

 86FF75

 B2FFA8

 6FFF5B

 C9FFC1

 59FF42

 DFFFDB

 43FF28

 F5FFF4

 2CFF0F

FFFFFF

 20FF00

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E7F067



9CFF8E



00FFCB

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9CFF8E



00F6FF



FFB2C3

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9CFF8E



F18EFF

Split Complementary

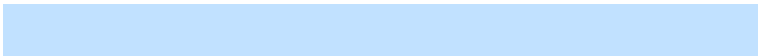
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB3FF



9CFF8E



C1E1FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9CFF8E



00FFFF



FFC7FF



FFC38A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9CFF8E



00FFF8



FFC7FF



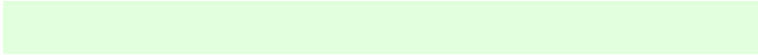
FFB0D9

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9CFF8E



E2FFDE



FFF08E



6E806B



000000



808080

Same Dimension

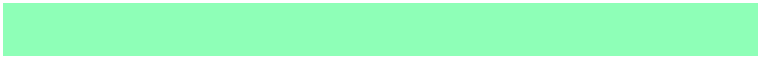
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9CFF8E



89FF78



8EFFB7



748073



18BF00



084000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F18EFF



EE78FF



FF8ED6



7E7380



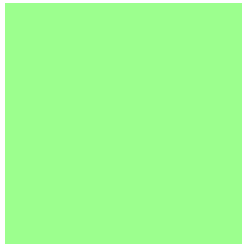
A800BF



380040

Previews

White Background



This preview shows how the Hex color 9CFF8E looks on a white background.

Color Contrast Check

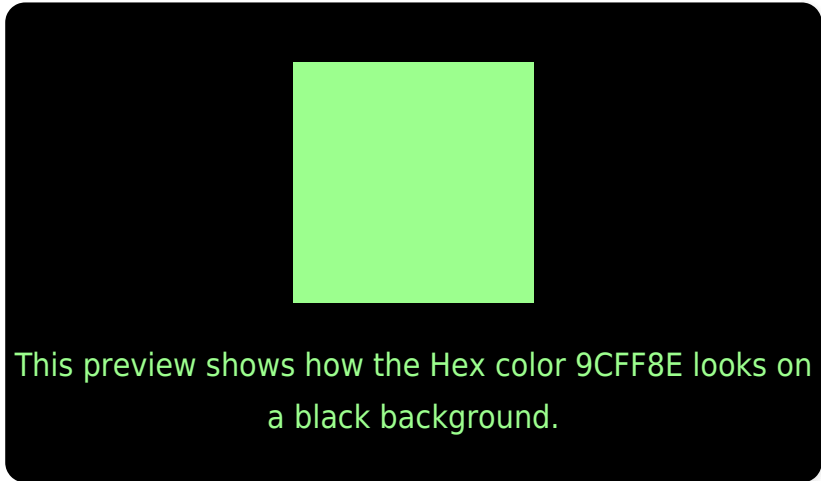
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

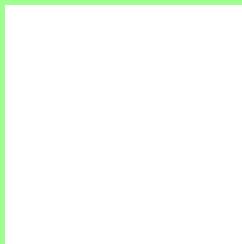
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9CFF8E Background



This preview shows how black text looks on a background with the Hex color 9CFF8E.

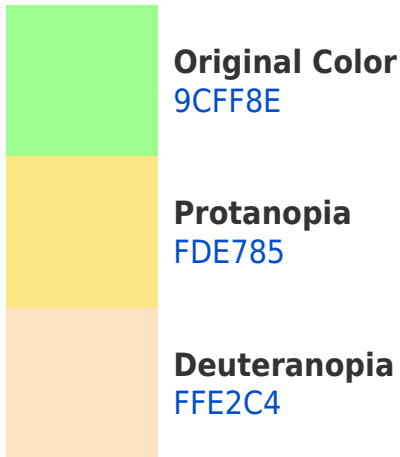


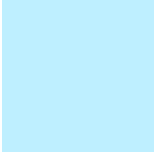
This preview shows how white text looks on a background with the Hex color 9CFF8E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
BEEFFF

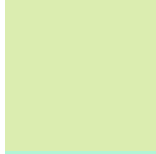
Trichromacy



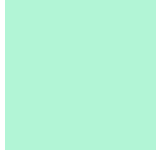
Original Color
9CFF8E



Protanomaly
DAF088

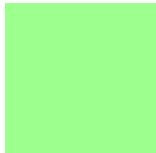


Deuteranomaly
DBEDB0

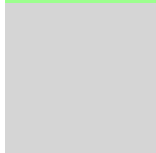


Tritanomaly
B2F5D6

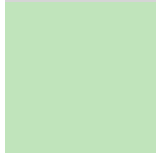
Monochromacy



Original Color
9CFF8E



Achromatopsia
D5D5D5



Achromatomaly
C0E4BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CFF8E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9CFF8E looks like.

```
.text, #text, p{  
    color:#9CFF8E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9CFF8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CFF8E
}
```

Border

The CSS property to change the border of an element to Hex 9CFF8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9CFF8E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9CFF8E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9CFF8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CFF8E; -webkit-box-shadow:4px 4px  
4px 4px #9CFF8E; box-shadow:4px 4px 4px  
4px #9CFF8E }
```

Background

The CSS property to change the background color of an element to Hex 9CFF8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CFF8E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9CFF8E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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